Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 16 Nov 2023 until 23:59 on Friday 17 Nov 2023

Forecast Issued on Thursday 16 Nov 2023 at 03:22

Confidence: High for unsettled conditions over the next few days, but lower for the details, particularly the timing of the clearance of the more persistent rain on Saturday.

Headline for Thursday 16 Nov 2023: Variable cloud amounts and chance of morning drizzle Some brightness. Evening rain likely.

Mountain weather hazards on Thursday 16 Nov 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Heavy Rain
Precipitation probability					
<05%	10%	20%	30%	30%	20%

Forecast for Thursday 16 Nov 2023

Weather: Mostly dry if misty start to Thursday with some morning light drizzle possible. Some brighter spells likely in the morning but cloudier for the afternoon, with a band of rain arriving after dusk, with possible heavy bursts.

Chance of cloud-free hill tops above 600m: 10% increasing 50% for a time in the afternoon.

Low cloud and visibility: Extensive cloud with bases 300-500 metres lifting and breaking scattered to broken with bases 500-600 metres by the afternoon. Visibilities good, becoming moderate or poor in mist, drizzle and evening rain. Very poor visibility in cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 16 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/14 E	9/13 E	6/9 E	6/8 NW	5/7 SW	9/13 SW	10/14 SW
300	5/9 E	3/6 W	3/5 N	4/6 W	5/6 SW	6/10 SW	7/11 SW
Valley	5/11 E	6/10 E	3/6 NE	3/6 W	3/5 S	4/11 S	4/10 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/0	4/1	4/2	4/1	3/1	3/-0	3/-1
300	6/4	6/5	6/5	6/5	6/4	5/3	5/2
Valley	5/3	6/5	7/6	7/6	6/5	6/4	5/4
Freezing Level*	1100m	1100m	1100m	1100m	1100m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 16 Nov 2023	5mm	16.8mm	22mm

Forecast for Friday 17 Nov 2023

Weather: Rather cloudy with early rain soon clearing to showers overnight. Showers will die out by the afternoon with cloud breaking to give some bright or sunny intervals in the afternoon. Cloud thickening in the evening with increasing chance of rain by end of the day.

Maximum wind: South or southeast during the evening reaching around 30mph by end of the day.

Chance of cloud-free hill tops above 600m: 20% increasing 80% by midday.

Low cloud and visibility: Broken cloud bases 500-700 metres, with some patches down to 400 metres, becoming scattered during the afternoon with bases lifting above 600 metres. Good visibilities, but moderate or poor at times in the showers at first

Temperature: **Valleys:** Plus 1 degrees rising to plus 8 degrees Celsius
At 600m: Plus 3 degrees Celsius
Freezing level: Above the summits.

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